

**AMENDMENTS TO THE CLAIMS**

Claims 1-22 (Canceled)

23. **(New)** A flow control or flow limitation device comprising:  
a stent to be placed inside a vessel; and  
a lining made of non-reactive material fixed inside the stent;  
wherein the lining is inflatable and deflatable to control flow therethrough.
24. **(New)** The device of claim 23, wherein the stent is made of metallic material.
25. **(New)** The device of claim 23, wherein the stent is made of plastic material.
26. **(New)** The device of claim 23, wherein the stent is totally inflatable.
27. **(New)** The device of claim 23, wherein the stent is shaped as a ring.
28. **(New)** The device of claim 23, wherein the stent is of tubular shape.
29. **(New)** The device of claim 23, wherein the stent is of cylindrical shape.
30. **(New)** The device of claim 23, wherein the stent is of conical shape.
31. **(New)** The device of claim 23, wherein the stent is of pentagonal shape.
32. **(New)** The device of claim 23, wherein the lining is made of PTFE.
33. **(New)** The device of claim 23, wherein the lining is shaped as a valve.
34. **(New)** The device of claim 23, wherein the lining comprises successive narrowings of different sizes.
35. **(New)** The device of claim 23, wherein the lining encloses a compressible spongy mass.
36. **(New)** The device of claim 23, wherein the lining comprises a stenotic bioabsorbable material that allows for natural progressive lessening of flow limitation as the material is absorbed.

37. **(New)** The device of claim 23, wherein the lining comprises an engorgeable stenotic material that allows for progressive increasing of flow limitation as the material swells.
38. **(New)** A flow control or flow limitation method, the method comprising:  
introducing the device of claim 23 into a vessel; and  
inflating or deflating the lining to control or limit flow in the vessel.
39. **(New)** The method of claim 38, wherein the vessel comprises a blood vessel.
40. **(New)** The method of claim 39, wherein the vessel comprises a pulmonary artery.
41. **(New)** The method of claim 38, wherein the vessel comprises a urinary vessel.
42. **(New)** the method of claim 38, wherein the vessel comprises an industrial pipe.